

(4)

Unit-IV / F-IV

8. Describe the structure and function of Adrenal gland. $7\frac{1}{2}$
9. Write short notes on any three of the following: $2\frac{1}{2} \times 3 = 7\frac{1}{2}$
- (i) Menstruation
- (ii) Carpus luteum
- (iii) Addison's disease
- (iv) Thyroid gland

A

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B.Sc. (Part - I) Examination, 2015

CLINICAL NUTRITION & DIETETICS

Third Paper

(Human Physiology)

Time Allowed : Three Hours] [Maximum Marks : 50

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt one question from each Unit.

1. (a) Write short answers of the following:

$2 \times 5 = 10$

(i) Oxytocin

(ii) Synapse

(iii) Glycolysis

(iv) Glomerulus

(v) Epididymis

(2)

(b) Differentiate the following: $2 \times 5 = 10$

efrecve ueekKele cellleVeš keäcepelles :

(i) Unstriated and striated muscles.

DejokKele SJebojKele hasMedleel

(ii) Medulated and non medulated nerve fibre

cešÜteušš[SJeboveve-cešÜteušš[lebbakele levle

(iii) Myogenic and Neurogenic heart

cešÜteušš[SJebovUej epesvekeä üöÜe

(iv) Primary oocyte and Secondary oocyte.

ÜeLeetekeä TmeeFŠ leLee oÉleetekeä TmeeFŠ

(v) Inspiration and Expiration.

efreMJeveve leLee GÜÜJemeve

Unit-I / FkeäF-I

2. Give an account of mechanism involved in blood coagulation in mammals. $7\frac{1}{2}$

mLeveDeejj Üeellcell™eDej keä peceves keäer ešeäÜee keäe JeCete keäcepelles

3. Write short notes on any three of the following: $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

efrecve cellmes ekeävner leave hej meš#ehle eštheCeer efrecKelles

(i) Cardiac cycle

üöÜe Üeä

(ii) Sinuatrial node

eMeje Deetevoeüle teš[er

(iii) Lymph Vessel

uemeckeäe Jeešhvee

(iv) Blood pressure

™eDej oeye

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(3)

Unit-II / FkeäF-II

4. Describe the mechanism of respiration. $7\frac{1}{2}$

MJeveve keäer ešeäÜee efrecDe keäe JeCete keäcepelles

5. Write short notes on any three of the following: $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

efrecve cellmes ekeävner leave hej meš#ehle eštheCeer efrecKelles

(i) Insulin

FvmegeÜeve

(ii) Absorption of fat in mammals

mLeveÜeellcell™eDe keäe DeJelleseCe

(iii) Formation of urine

ceše keäe efrecceCe

(iv) Salivary gland.

ueej «eš/Le

Unit-III / FkeäF-III

6. Describe the physiology of muscle contraction. $7\frac{1}{2}$

heMeer mekegÜeve keäer keäeÜekeäer keäe JeCete keäcepelles

7. Write short notes on any three of the following: $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

efrecve cellmes ekeävner leave hej meš#ehle eštheCeer efrecKelles

(i) Structure of eye

DeeKe keäer mešÜeve

(ii) Nerve fiber

mveeÜeg lele

(iii) Function of Skin

ÜeÜee keä keäeÜe

(iv) Mechanism of hearing

megeves keäer ešeäÜee efrecDe

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P.T.O.